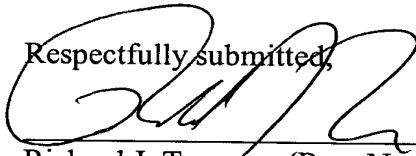


REMARKS

The amendments serve to reduce the issues on appeal by addressing the objection to the specification, the objection to claim 58 (a similar amendment was made to claim 57), the rejection under 35 U.S.C §112, and the rejections under 35 U.S.C §102 and 103.

Applicants traverse the rejection of claims 56-58 under 35 U.S.C §101 in that these claims define segments of nucleic acids of a definite length and not a complete DNA sequence that exists in nature. Claim 56 defines segments with greater than 10 bases in length. Claims 57 and 58 define segments with 15-25 bases. There is no evidence these segments exist in nature.

Respectfully submitted,

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